



CONSERVATORY

NO

KITCHEN

NO

BATHROOM / EN-SUITE (WET or DRY AREA)

NO

LIVING ROOM, DINING ROOM, STUDY, HALL etc

YES

RENOVATION or a NEW BUILD where the conservatory sub-floor (concrete or wood) has already been finished prior to selection of the underfloor heating system – this is the most common. Also, the floor has been well insulated during construction

NOTE: Refer to installation instructions

NO

NEW BUILD situation where the conservatory floor and underfloor heating design are decided at the same time. This is when the underfloor heating can be installed as the primary source of heat during the construction of a concrete sub-floor in the conservatory

OTHER

RENOVATION situation with a poorly insulated concrete sub-floor and the underfloor heating is required as the primary source of heat

YES

Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVERTINE

NO

Select the Overfloor:
LAMINATE, WOOD or CARPET

YES

Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVERTINE, LAMINATE, WOOD or CARPET

YES

Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVERTINE

ANY OF THE ABOVE

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SOLUTIONS:
CONCRETE SUB-FLOOR
RFMH mat system rated at 200w/m²
WOODEN SUB-FLOOR
RFM mat system rated at 150w/m², or if you can apply a 6mm or 10mm thick layer of BLUEBOARD insulation panel before the heating, upgrade to RFMH mat system rated 200w/m²

SOLUTION:
CONCRETE OR WOODEN SUB-FLOOR
Apply one or two layers of LAMFOAM (closed cell polyethylene foam) floor insulation which will raise the floor height by 6mm or 12mm, then install RFLAM aluminium foil mat heating system

SOLUTION:
Install foil faced thermal insulation such as Celotex or Kingspan, then RFC17 "cable in screed" heating cables covered with a minimum 65mm thick sand & cement layer.

SOLUTION:
Install a 6mm or 10mm thick layer of BLUEBOARD insulation panel before the heating and then apply the RFMH mat system rated 200w/m²